DAC 25-1637 (REV. 8-70)

FEB 17 1982 DPM1982

HAZARDOUS MATERIALS DATA SHEET

(PLEASE COMPLETE APPLICABLE SECTIO

Superseded by DMS1880 8/77

1. PRODUCT NAME, NUMBER, SYNONYM: DOW CORNING® A-4000 Adhesive (Resin) part A

2. MANUFACTURER'S NAME: Dow Corning Corporation

3. MANUFACTURER'S ADDRESS: Midland, Michigan 48640

4. PROCEDURE IN CASE OF BREAKAGE OR LEAKAGE: Wipe with absorbent cloth. Use solvent if necessary. Material is combustible.

5. TRANSPORTATION AND STORAGE REQUIREMENTS: Same as for any product containing xylene

6. FIRST AID TREATMENT:

A. SKIN CONTACT: Flush with water

B. EYE CONTACT: Flush with water. Obtain medical attention if necessary.

C. INHALATION: Same as for xylene

D. ANTIDOTE IN CASE OF SWALLOWING: Same as for xylene

7. PHYSIOLOGICAL PROPERTIES:

A. ACUTE ORAL TOXICITY: Same as for xylene

B. LOCAL EFFECTS UPON EYES: Slight irritation possible

C. LOCAL EFFECTS UPON SKIN: Same as for xylene

D. ESTIMATE OF ACUTE HAZARD BY INHALATION (VOLATILE MATERIALS): Same as for xylene

E. WARNING PROPERTIES (ODOR, IRRITATION TO EYES, NOSE OR THROAT): Solvent odor

F. ESTIMATED THRESHOLD LIMIT VALUE (IF NOT ON CURRENT LIST BY AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS):

8. CHEMICAL AND PHYSICAL PROPERTIES:

A. SPECIFIC GRAVITY (WATER = 1) approx 1.0 B. VAPOR DENSITY (AIR =1)

C. VAPOR PRESSURE mm Hg AT 25°C. High D. pH

E. CORROSIVE ACTION ON COMMON MATERIALS SUCH AS: ALUMINUM, MAGNESIUM, PLEXIGLAS, RUBBER, LACQUERS, ENAMELS, FABRICS: None

F. DOES THE MATERIAL DECOMP WHEN EXPOSED TO AIR? WATER? HEAT? STR OXIDIZERS? No

G. FOR MIXTURES GIVE THE PERCENTAGE COMPOSITION OF INGREDIENTS:

COMPOUND	PERCENT
Polysilxane (chemical Family)	>70
Xylene	<30

NOTE: GENERALIZATIONS SUCH AS PETROLEUM HYDROCARBONS, ALCOHOL, KETONES, CHLORINATED HYDROCARBONS, ETC., ARE NOT ADEQUATE FOR TOXICOLOGICAL EVALUATION. PROPER CHEMICAL NAMES MUST BE KNOWN.

H. DOES THE MATERIAL GENERATE HEAT THROUGH POLYMERIZATION OR CONDENSATION? No

9. PRECAUTIONS FOR NORMAL CONDITIONS OF USE: Same as when handling a combustible product

10. RECOMMENDED PROTECTIVE EQUIPMENT: Minimum for your company

11. A. FLASHPOINT °F: CLOSED CUP _____; OPEN CUP appro85°F; IF F.P. CHANGES DURING EVAPORATION GIVE DATA:

B. EXPLOSIVE LIMITS (% VOL. AIR): LOWER _____; UPPER _____

C. SUSCEPTIBILITY TO SPONTANEOUS HEATINGS: YES _____; NO X

D. FIRE POINT °F >85°F; AUTO IGNITION TEMPERATURE °F _____

E. VAPOR DENSITY _____

F. WHAT PRODUCTS MIGHT BE FORMED IN THE EVENT OF FIRE OR ABNORMAL TEMPERATURES? SiO_2, CO_2, H_2O and traces of incompletely burned carbon products.

G. SUITABLE EXTINGUISHING AGENTS: CO_2 or Foam,

12. INFORMATION FURNISHED BY: L. VanVolkinburg

TITLE: Assistant to Manager, Analytical Services

COMPANY: Dow Corning Corporation

ADDRESS: Midland, Michigan

DATE: September 15, 1970

NOTE: INFORMATION IN REGARD TO A MATERIAL'S COMPOSITION WILL BE USED FOR THE PURPOSE OF COMPLYING WITH LOCAL, STATE AND FEDERAL ORDINANCES, LAWS AND CODES, AND REQUIREMENTS OF GOVERNMENTAL AGENCIES.

THE COMPLETED FORM SHOULD BE RETURNED TO PURCHASING, DOUGLAS AIRCRAFT DIVISION, LONG BEACH, CALIF. 90801.

DPM 1982
superseded
by DMS 1880
8171

DATA SHEET FOR SAFE HANDLING - INDUSTRIAL USE ONLY

Dow Corning Corporation
Midland, Michigan

1. Product Name and Number DOW CORNING® A-4000 Catalyst
2. Procedure in Case of Breakage or Leakage Wipe with absorbent cloth. Use solvent if necessary. Protect skin and eyes.
3. Transportation and Storage Requirements Same as for any combustible material.
4. First Aid Treatment:
   a. Skin contact Flush with water. Obtain medical attention if necessary
   b. Eye contact Flush with water for 15 min. Obtain medical attention.
   c. Inhalation Same as for xylene
   d. Antidote in case of swallowing Obtain medical attention
5. Physiological Properties:
   a. Acute oral toxicity Has LD_{50} of about 2 gm/kg when fed to rats
   b. Local effects upon eyes Slightly irritating
   c. Local effects upon skin Capable of producing serious injury to intact or abraded skin
   d. Estimate of acute hazard by inhalation (volatile material) Same as xylene
   e. Warning properties (odor, irritation to eyes, nose, or throat) Same as xylene
6. Chemical and Physical Properties:
   a. Specific gravity (water = 1) approx 0.9
   b. Vapor pressure mm. Hg at 25°C
   c. ~~Other~~ Vapor Pressure mm Hg at 25°C: Same as xylene
   d. Corrosive action on materials such as aluminum, magnesium, rubber, paints, fabrics: none
   e. Products formed in event of fire or abnormal temperature: CO_2, H_2O tin compounds and traces of incompletely burned carbon products
   f. Stability when exposed to air, water, heat, or strong oxidizers: Does not decompose
   g. Composition (Compound and Percent):

Xylene	50 %		%
DiButyltindi 2-Ethyl Hexoate	50 %		%

7. Precautions for Normal Conditions of Use Same as for xylene
8. Recommended Protective Equipment Adequate protection should be provided: such as rubber gloves, rubber aprons and safety glasses
9. Flash Point Open cup-approx 85°F

Information Furnished by L. VanVolkinburg Title Assistant to Manager
Company Dow Corning Corporation Address Midland, Michigan 48640
Date September 15, 1970